

IN THE CLAIMS:

Please amend the claims to read as follows:

Claim 1 (Original): A method for producing a carbonyl compound, which comprises reacting an oily solution of water-insoluble aliphatic alcohol with an aqueous hydrogen peroxide solution in the presence of a catalyst containing a metal compound belonging to Group 8 to 10 of the Periodic Table in a heterogeneous solution system.

Claim 2 (Original): The method according to claim 1, wherein the water-insoluble aliphatic alcohol is saturated aliphatic secondary alcohol, and the carbonyl compound is ketone.

Claim 3 (Original): The method according to claim 1, wherein the water-insoluble aliphatic alcohol is saturated aliphatic primary alcohol, and the carbonyl compound is aldehyde or carboxylic acid.

Claim 4 (Currently Amended): The method according to ~~any one of claims~~ claim 1 ~~to 3~~, wherein the catalyst containing a metal compound belonging to Group 8 to 10 of the Periodic Table is a zero-valent metal catalyst.

Claim 5 (Currently Amended): The method according to ~~any one of claims~~ claim 1 ~~to 4~~, wherein the zero-valent metal catalyst is platinum/carbon, platinum black, bis(dibenzylideneacetone)platinum, palladium/carbon, rhodium/carbon or ruthenium/carbon.